

(REFERENCE COPY - Not for submission)

#### FCC Form 399: Reimbursement Request

Facility 72218 Service: LPD Call W18DS-D Channel: 26 (UHF)

ID: File Sign: **0000088645** 

Number:

FRN: 0026455469 Eligibility Eligible Date 01/14

Status:

Submitted: /2021

### Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
EDGE SPECTRUM, INC. Doing Business As: EDGE SPECTRUM, INC.	Randy Weiss PO Box 54025 Hurst, TX 76054 United States	+1 (214) 770-7770	randy@crosstalk. org	Corporation

### Reimbursement Contact Name and Information Reimbursement

Contact Information Address Phone Email [Confidential]

Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant Address Phone Email

The Preparer is same as the reimbursement contact.

Broadcaster Information and Transition Plan Question Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	W18DS-D displaced to Ch 26. Applicant will build the CP as part of a coordinated system build out plan.

#### **Transmitters**

Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

#### Primary Transmitter

#### **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter  Manufacturer and Type	Manufacturer	
	Model	834A Analog Conversion
	Year	2012
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2 kW

#### Primary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	EC701HP BB3
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1 kW
	Justification for New Transmitter	Old transmitter cannot be retuned to Ch 26. See attached Comark Transmitter Selection Exhibit.

#### Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Other Transmitter Costs	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	Yes
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Rigid Conduit and Wiring	No

	Other Electrical Service	Yes
	Description	To be determined based on site survey.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No

# Primary Transmitter Information not provided.

**Other Transmitter Cost Not Listed** 

#### **Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

#### Primary Antenna

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Ownership	Owned
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	ERP: (Effective Radiated Power)	10.24 kW
	Manufacturer	
	Model	JAS Cardiod 16
	Year	2012

#### Primary Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Change Type	Purchase New
	Ownership	Owned
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Mounting	Side Mount
Manufacturer and Types	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	2
	Lower Limit	470.00 MHz
	Upper Limit	860.00 MHz
	Design power capacity in use	100.0 %
	ERP: (Effective Radiated Power)	5.0 kW
	Manufacturer	
	Model	955512
	Year	2020
	Justification for New Antenna	Old antenna cut to Ch 18 cannot be used for Ch 26.

#### Primary Antenna

#### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No
Power Dividers	Does the panel antenna require power dividers?	No
Cable Harness	Does the panel antenna require cable harness?	No

#### Primary Antenna

**Other Antenna Cost Not Listed** 

Transmission	Section	Question	Response
Line	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

#### **Existing Transmission Line**

# Primary Transmission<sub>S</sub> Line

<sup>1</sup> Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	450 feet per run

#### **New Transmission Line**

Primary	New Transmission Line				
Transmissio Line	n <sub>Section</sub>	Question	Response		
	New Transmission Line Costs	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	No		
		Туре	Flexible Foam		
		Diameter	1 5/8 inches		
		Number of parallel runs	1		
		Length	230 feet per run		
		Justification for New Transmission Line	new tower location will require new cable.		
	Interior RF Systems	Does the Installation of the Transmission Line require an additional or replacement Inside RF system including switching, patch panels, and dehydrators?	No		

Other Transmission Line Expenses Not Listed

Primary
Transmission
Transmission
Transmission
Transmission
Transmission
Transmission

# Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

#### Primary Tower

#### **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1061126
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	35° 15' 20.0' N-
1983))	Longitude (NAD83)	085° 13' 34.0" W-
	Overall Structure Height	549.86 feet
	Support Structure Height	549.86 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1796.24 fee
	Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	SOUTHERN ADVENTIST UNIVERSITY
Date Constructed	11/01/1993

#### Primary Tower

#### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

#### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
New Tower Location	Transmitter will be located at a new site.

Outside Professional Services Costs

Section	Question	Response	
Outside Project Management Services	Do you require outside project management services?	Yes	
	Number of Hours	80	
	Explanation	No on site engineering staff. Complete turnkey project management.	
Outside RF consulting Engineering Services	Perform engineering study for displacement application	No	
	Prepare engineering section of Form FCC Construction Permit Application	Yes	
	For Auxiliary Facility	No	
	For Main Facility	Yes	
	Prepare engineering section of Form FCC License to Cover Application	Yes	
	For Auxiliary Facility	No	
	For Main Facility	Yes	
	Prepare request for Special Temporary Authority	No	
	Prepare Form 601	No	
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	No	
Services	Prepare and file Form FCC License to Cover Application	No	
	Prepare request for Special Temporary Authority	No	
	Negotiation of Lease and other Matter for Shared Locations	No	
	Prepare or Review FCC Form 399 for Reimbursement	Yes	

	Form 399 assistance or other program management costs	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	Turnkey installation and integration of new and existing equipment, includes, EAS, satellite hookup, etc.

#### Outside Professional Services Costs

#### Other Professional Services Expenses Not Listed

Name	Description
Site Survey	8 hours @ \$100/hour
Mobilization Charge and travel expens for installation	<b>ses</b> \$1500/day, 4 days
Mobilization Charge and travel expens	ses \$1500/day, 1.5 days

### Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Permit and Filing Costs	FCC Construction Permit Major Change	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
Point to Point Microwave (STL/ICR)	Frequency Coordination for Unidirection System	No
	Frequency Coordination for Bi-Direction System	No
	New Point to Point Microwave System	No

### Other Expenses

Other Expenses Not Listed

#### **Transmitters**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter EC701HP BB3	\$116,283.00	\$81,749.00		\$58,240.54	
Transmitter Building Site Survey /Installation	\$10,000.00	\$11,836.00	See Comark Transmitter Quote Installation Line Item	\$11,050.00	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$84,000.00	\$47,880.00	See Comark Quote. \$59,716 - \$11,836 (install cost) = \$47,880 transmitter cost	\$47,190.54	N/A
Other Electrical Service: To be determined based on site survey.	\$2,033.00	\$2,033.00	Mr. Sparky Quote	N/A	N/A
5 Ton system	\$20,250.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$116,283.00	\$81,749.00	N/A	\$58,240.54	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

Actual Information	
Description	File Name

Transmitter Building Site Survey/Installation	Component Description: Amount:	Installation \$11,050.00
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	Transmitter \$47,190.54
Other Electrical Service: To be determined based on site survey.	Information not provided.	
5 Ton system	Information not provided.	

#### **Antennas**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna 955512	\$3,500.00	\$8,000.00		\$0.00	
UHF Broadband panel antenna (per panel), horizontally- polarized	\$3,500.00	\$8,000.00	2 panels	N/A	N/A
Sub-total	\$3,500.00	\$8,000.00	N/A	\$0.00	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

#### **Transmission Line**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$5,520.00	\$5,520.00		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$5,520.00	\$5,520.00	Transmitter located at a new site requires new cable.	N/A	N/A
Sub-total	\$5,520.00	\$5,520.00	N/A	\$0.00	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

#### **Tower Equipment and Rigging Costs**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$167,250.00	\$67,250.00		\$0.00	
New Tower Location	\$9,500.00	\$9,500.00	See ARCJ Additional Tower Site relocation Quote and SOW	N/A	N/A
Tower Rigging Tall Tower (greater than 500')	\$157,750.00	\$57,750.00	N/A	N/A	N/A
Sub-total	\$167,250.00	\$67,250.00	N/A	\$0.00	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

#### **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$28,355.00	\$25,915.00		\$8,550.00	
Mobilization Charge and travel expenses for site survey	<i>\$2,250.00</i>	\$2,250.00	1 1/2 day @ \$1500/day See ARCJ Site Survey Quote & SOW.pdf	\$2,250.00	N/A
Mobilization Charge and travel expenses for installation	\$6,000.00	\$6,000.00	Mobilization Charge and Travel Expenses for Installation of EAS, CAP. Satellite Interconnect, Final Transmitter /Antenna connection, station turn on. Trip \$1500/day 4 days. See ARCJ Turnkey Quote & SOW	N/A	N/A
Site Survey	\$800.00	\$800.00	Site Survey Charge See ARCJ Site Suvey Quote & SOW.pdf	\$800.00	N/A

Additional	\$5,000.00	\$5,000.00	Turnkey	N/A	N/
Field			Installation and		
Engineering			integration of		
Service, 5			new and		
Days			existing		
			equipment.		
			Installation of		
			EAS,CAP,		
			Satellite		
			Interconnect,		
			Final		
			Transmitter		
			/Antenna		
			connection,		
			station turn on.		
			See ARCJ		
			Turnkey		
			Integration		
			Quote & SOW		
Prepare engineering section of FCC	\$2,102.50	\$2,102.50	N/A	N/A	N/A
Form 2100 (main),					
Construction					
Permit					
Application					
, приносион					
Form 399	\$1,000.00	\$1,000.00	See BWS	\$1,000.00	N/A
assistance or			Estimate		
other Program			Eligibility 1876		
Management			Filings		
costs					
Propara/	\$1,710.00	\$1,710.00	See BWS 399	N/A	N/A
Prepare/ Review 399	φ1,710.00	φ1,710.00	Reimbursement	IN/A	IN/F
reimbursement			Estimate		
form					
Project	\$8,440.00	\$6,000.00	See ARCJ	\$4,500.00	N/A
			Project		
management					
management of the transition			Management		

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$1,052.50	N/A	N/A	N/A
Sub-total	\$28,355.00	\$25,915.00	N/A	\$8,550.00	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

•		
Actual Information Description	File Name	
Mobilization Charge and travel expenses for site survey	Component Description: Amount:	Site Mobilization \$1,125.00
	Component Description: Amount:	50% Site Mobilization \$1,125.00
Mobilization Charge and travel expenses for installation	Information not provided.	
Site Survey	Component Description: Amount:	50% Site Survey \$400.00
	Component Description: Amount:	Site Survey \$400.00
Additional Field Engineering Service, 5 Days	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Form 399 assistance or other Program Management costs	Component Description: Amount:	399 Eligibility Fee \$1,000.00
Prepare/ Review 399 reimbursement form	Information not provided.	
Project management of the transition	Component Description: Amount:	50% Project Management \$3,000.00
	Component Description: Amount:	PM #2 \$1,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

#### **Other Expenses**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$10,335.00	\$10,335.00		\$0.00	
Equipment Storage	\$0.00	\$0.00	Included SEE ARCJ Equipment Storage Removal Disposal Quote & SOW	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Equipment Delivery and Handling Charges. ARCJ Equipment Storage Removal Disposal Quote & SOW.pdf	N/A	N/A

Disposal	\$5,000.00	\$5,000.00	Removal	N/A	N/A
Costs (for			and		
equipment			disposal of		
and other			equipment		
waste, net of			from job		
any salvage			site,		
value)			transmitter,		
			coax,		
			antenna		
			and all		
			debris.		
			SEE ARCJ		
			Equipment		
			Storage		
			Removal		
			Disposal		
			Quote &		
			SOW.pdf		
FCC Filing	\$335.00	\$335.00	N/A	N/A	N/A
Fees - Form					
2100 license					
to cover					
application					
Sub-total	\$10,335.00	\$10,335.00	N/A	\$0.00	N/A
Total for all systems	\$331,243.00	\$198,769.00	N/A	\$66,790.54	N/A

#### Components

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$331,243.00	\$198,769.00	\$66,790.54

Reimbursem	envestion	Response
Status	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out	No

procedures with the Fund Administrator.

Section Question Response

### Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Susan Hansen Consultant

01/14/2021

Section Question Response

## Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
  Person signing
  below certifies and
  represents that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Randy Weiss CEO

01/14/2021

#### **Attachments**